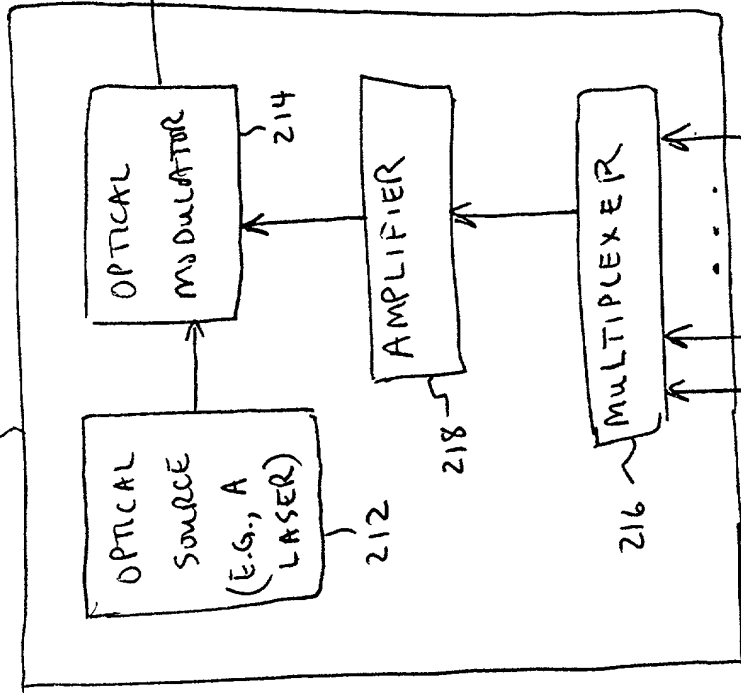


FIG. 1 (PRIOR ART)

210

OPTICAL
TRANSMITTER



220
MULT-
OPTICAL-
FIBER
CABLE

232
INDIVIDUAL
FIBERS

BRANCH
POINT
230

240
USER-N

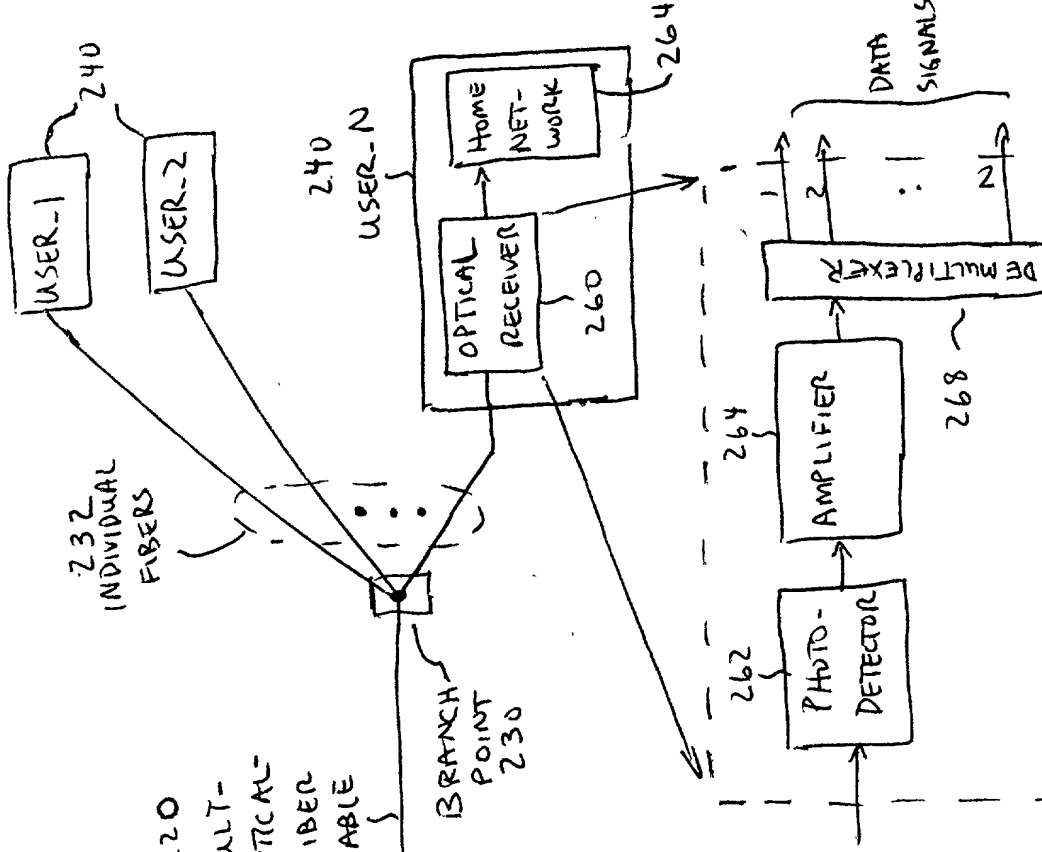


FIG. 2

CENTRAL
OFFICE

212

300

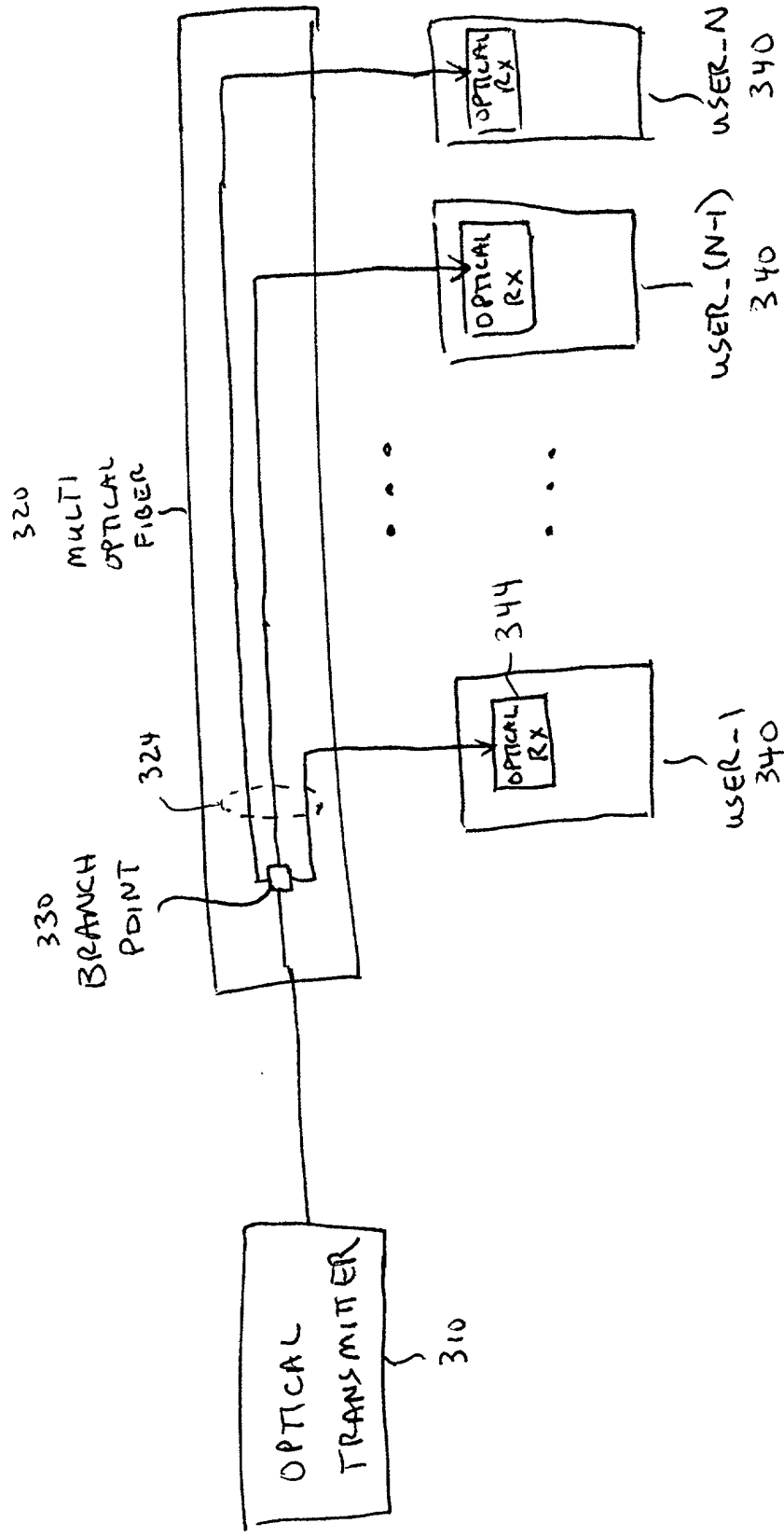


FIG. 3

FIG. 5

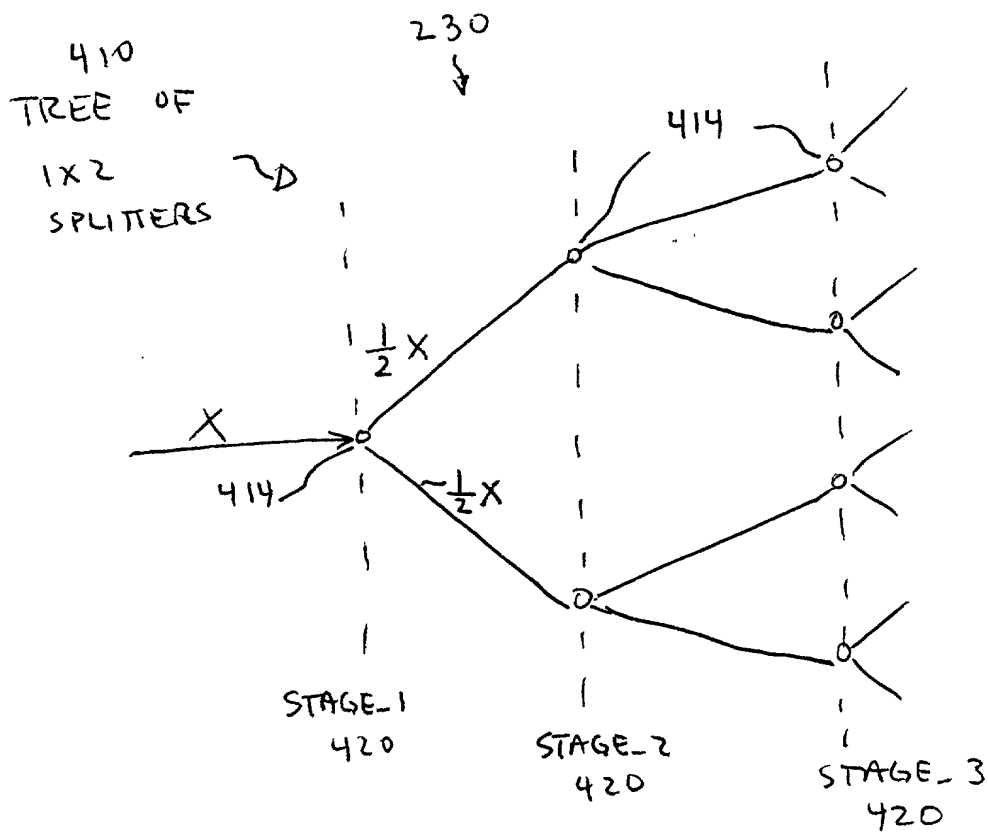


FIG. 4

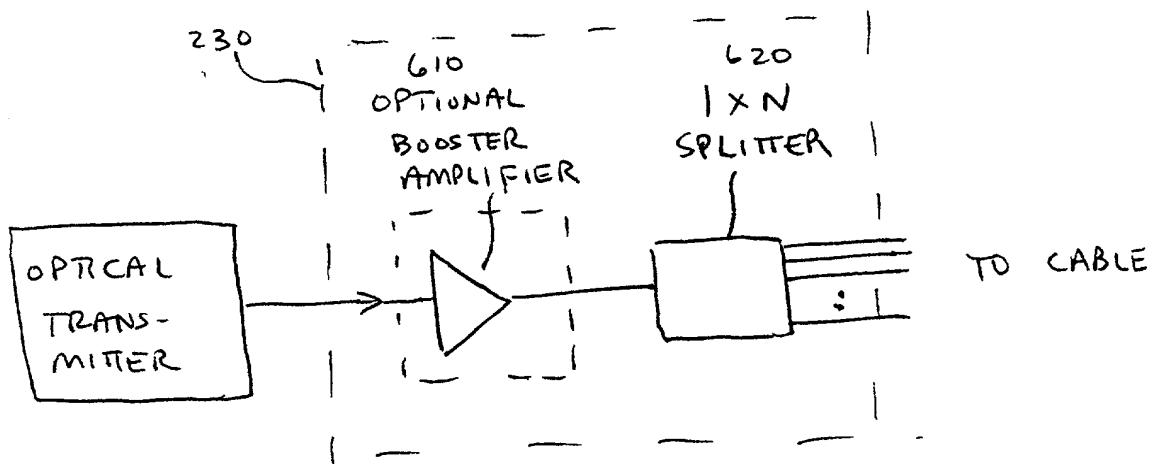
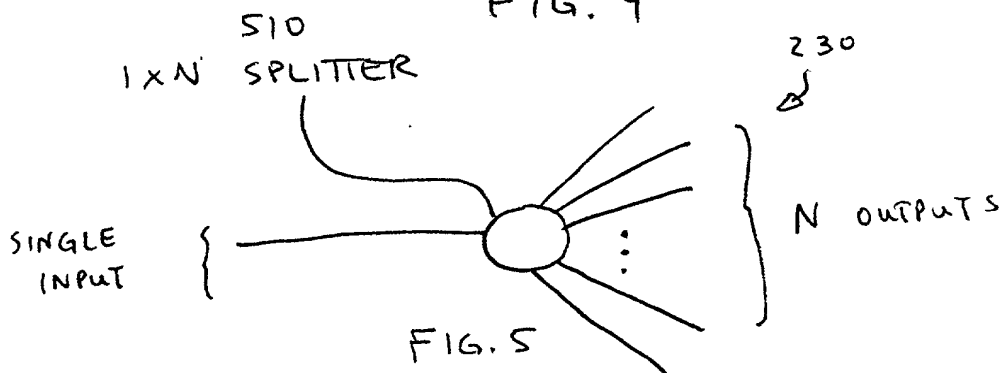


FIG. 6

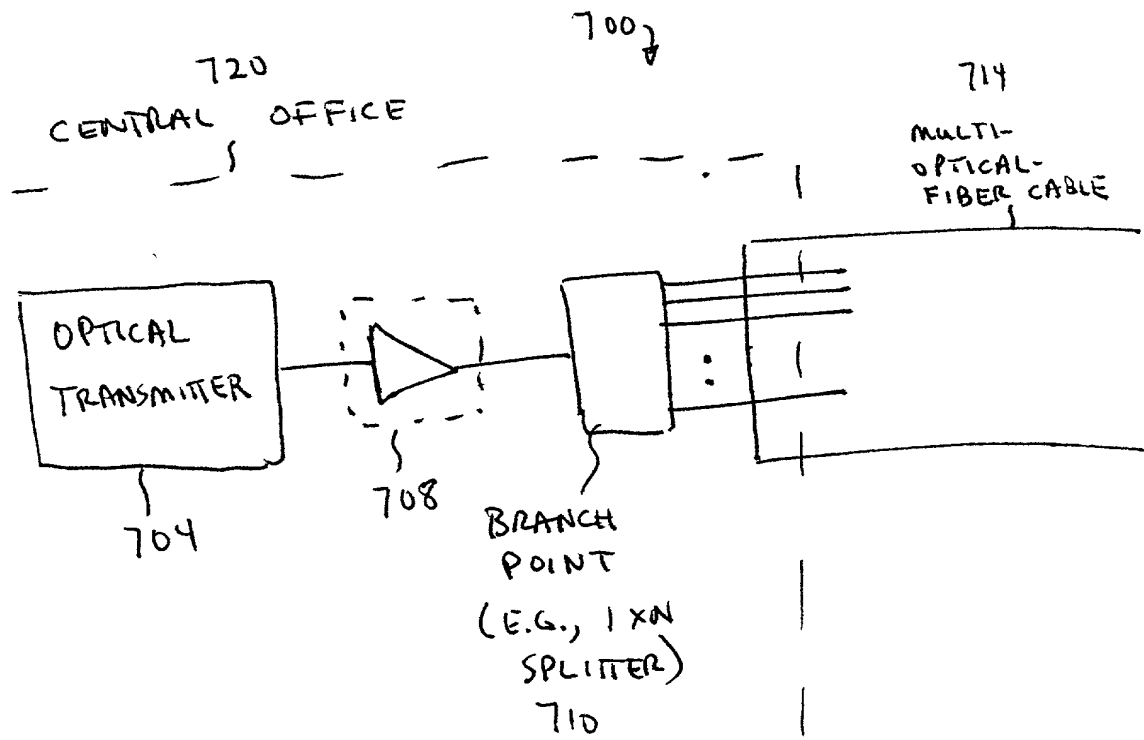


FIG. 7

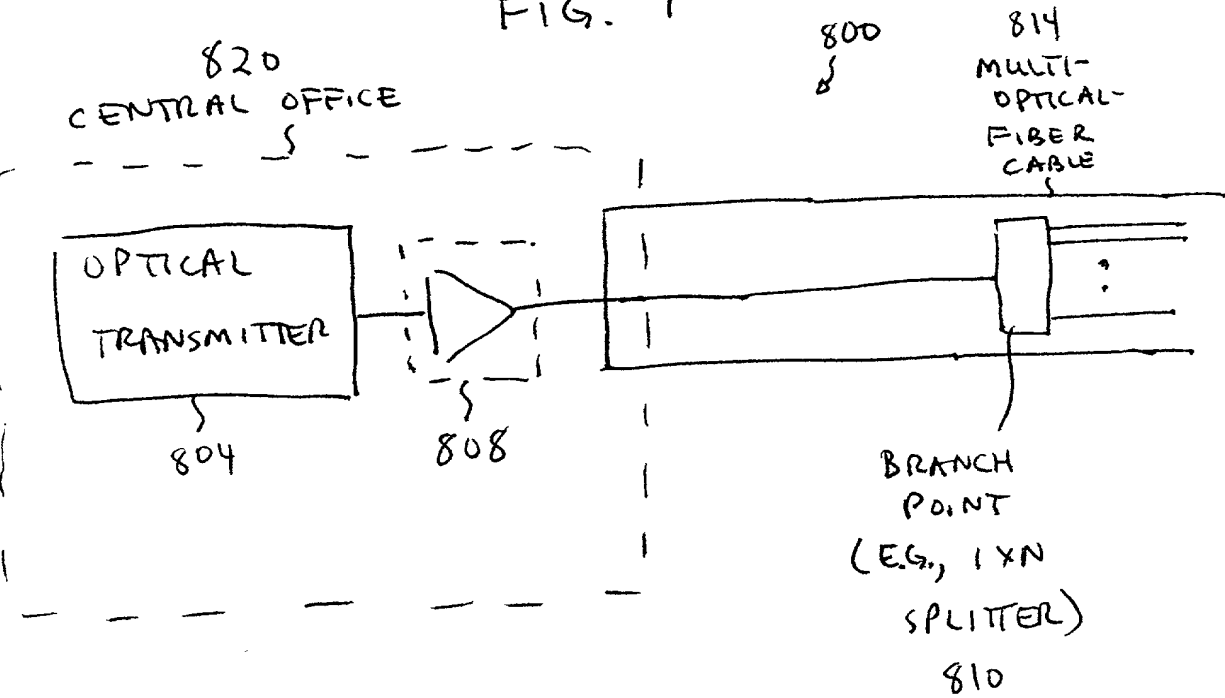


FIG. 8

096537.09604

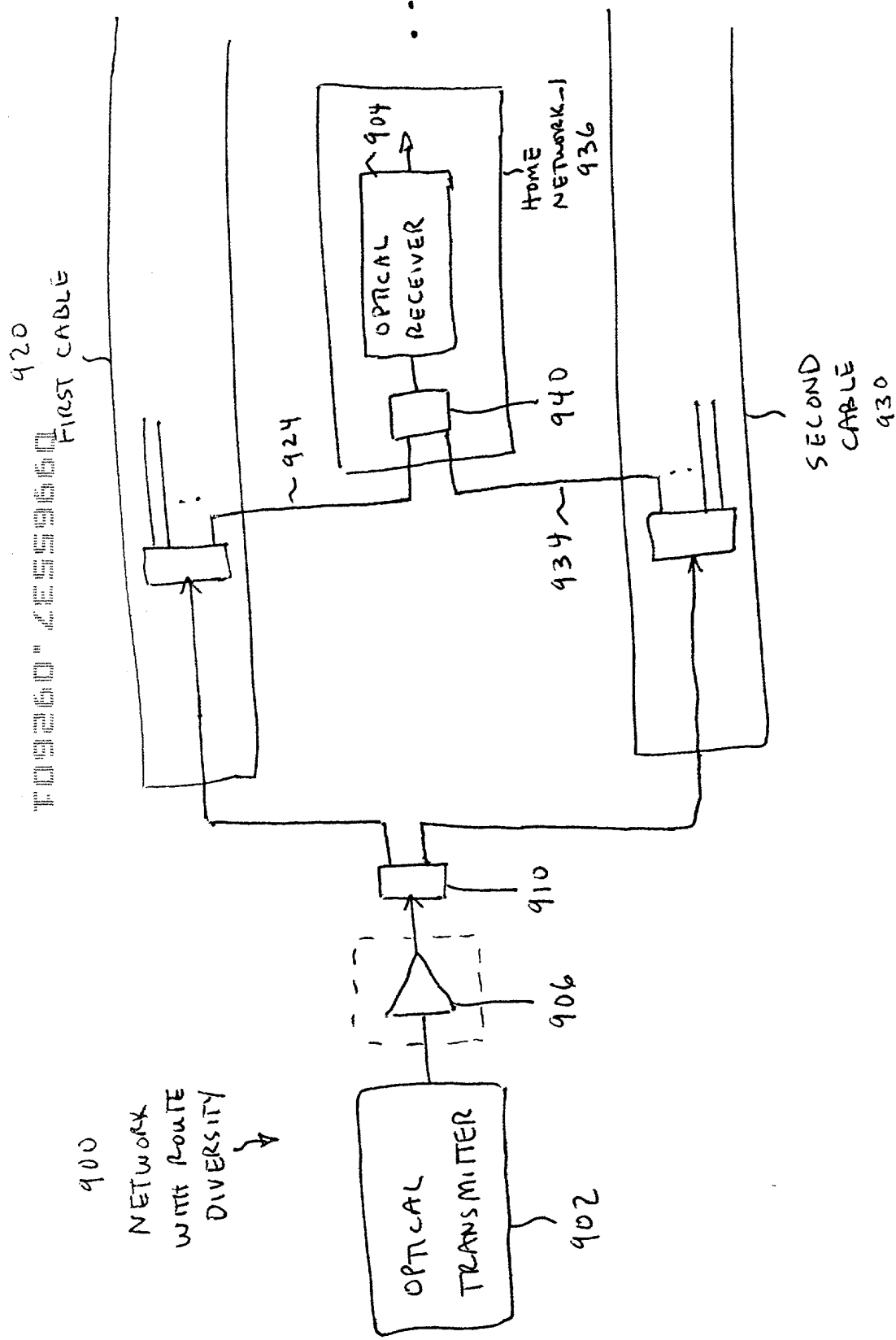


FIG. 9